IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

For: Multiple Antenna Impedance Optimization

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JUN 2 3 2003

Technology Center 2600

Patent Pending

Examiner: Lei, Tsuleun R. Group Art Unit: 2681

Raleigh, North Carolina

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

e Application of:

Serial No.: 09/532,922

Filed: March 22, 2000

Attorney's Docket No: 4015-1614

Wilcox, et al.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited on the date below with the United States Postal Service as first class mail, postage prepared, in an envelope addressed to: Mail Stop Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Jøhn R. Owen

Date

Amendment and Response to Non-Final Action

Applicants submit the following response in reply to the Office Action mailed on 25 April 2003. Applicants also include Check No. 9399 in the amount of \$156.00 to cover the cost of four additional claims (\$18.00 each), one of which is an independent claim (\$84.00). The Commissioner is hereby authorized to charge any additional fees or charges due in association with this response to Deposit Account No. 18-1167. In this response, Applicants amend claims 1, 14, 15, 26-27, 33-39, and 45; add new claims 53-56; and provide arguments addressing all grounds of rejection.

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